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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Joshua T. Goodman

Appln. No. : 09/823,619

Filed : March 31, 2001

For : MACHINE LEARNING CONTEXTUAL  
APPROACH TO WORD DETERMINATION  
FOR TEXT INPUT VIA REDUCED  
KEYPAD KEYS

Docket No.: M61.12-0378

Group Art Unit:

2182

Examiner:

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
ASSISTANT COMMISSIONER FOR PATENTS,  
WASHINGTON, D.C. 20231, THIS

9 DAY OF March, 2004

PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents and publications cited are enclosed.

**TIME OF FILING**

The information disclosure statement is being filed:

1.  X  with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.
2.       after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A.       a statement as specified in 37 C.F.R. § 1.97(e).

- B. \_\_\_\_ the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).
3. \_\_\_\_ after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:
- A. a statement as specified in 37 C.F.R. § 1.97(e);

**METHOD OF PAYMENT**

- ☒ No fee is required.
- \_\_\_\_ Attached is a check in the amount of \$ \_\_\_\_.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.


Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

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FORM PTO-1449		Atty. Docket No.: <b>M61.12-0378</b>	Appl. No.: <b>09/823,619</b>
		First Named Inventor: <b>Joshua T. Goodman</b>	
		Filing Date	Group Art:
		<b>March 31, 2001</b>	<b>2182</b>

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	5,627,980	5/6/97	Schilit et al.	395	353	
AB	5,818,437	10/6/98	Grover et al.	345	326	
AC	5,953,541	9/14/99	King et al.	395	887	
AD	6,002,390	12/14/99	Masui	345	173	
AE	6,011,544	1/4/00	Sato	345	168	
AF	6,169,538	1/2/01	Nowlan et al.	345	168	
AG	6,271,835	8/7/01	Hoeksma	345	168	
AH	6,741,235	5/25/04	Goren	345	173	
AI	6,782,357	8/24/04	Goodman et al.	704	9	
AJ	US2002/0126097 A1	9/12/02	Savolainen	345	168	
AK	US2002/0180689 A1	12/5/02	Venolia	345	156	
AL	US2002/0188448 A1	12/12/02	Goodman et al.	704	254	
AM	US2003/0011574 A1	1/16/03	Goodman	345	172	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AN	F. Jelinek, "Self Organized Language Modeling for Speech Recognition", Language Processing for Speech Recognition, pp. 450-503.
AO	K. Seymore et al., "Scalable Backoff Language Models", In Proc. ICSLP, Vol. 1, pp. 232-235, Philadelphia, 1996.
AP	Stolcke, "Entropy-based Pruning of Backoff Language Models", Proc. DRAPA News Transcription and Understanding Workshop, pp. 270-274, Lansdowne, VA.
AQ	Chen et al., "An Empirical Study of Smoothing Techniques for Language Modeling", TR-10-98, Computer Science Group, pp. 1-64, Harvard University, 1998.
AR	Lehikoinen et al., "BinScroll: A Rapid Selection Technique for Alphanumeric Lists", CHI 2000, pp. 261-262, April 1-6, 2000.
AS	Ahlberg et al., "The Alphaslider: A Compact and Rapid Selector", Proc. CHI 94, p. 365-371.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.